| Wa | rk | O | rder | ID | 73088 |
|-------|-----|---|------|----|--------|
| _YY U | I N | v | ruer | w | / 2000 |

Thursday, August 25, 2011 1:25:58 PM



Page 1

Item ID:

D3297-3-0085

Accept



Setup Start



Revision ID:

Item Name: **Start Date:**

HOSE ASS'Y

8/25/2011

QC:

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Required Date: 9/5/2011

Process Plan: WK

Date:

SPC (Y/N):

Date: Date:

Run

Start

Stop



Sequence ID/ Work Center ID Operation

Description

Set Up/

Run Hours

Tool ID Tool #

Accept Code Qty

Plan

Reject Qty

CL 11/08/25

Reject Number

Insp. Stamp

Draw Nbr

Revision Nbr

D3297

Rev D

100

Purchasing Purchasing

Memo

PURCHASING

0.00

0.00

Create D2729-1 label and include with W/O

Issue P/O: 14747 Hose Assembly as per Dwg D3297

Possible Supplier: API Material release note is required

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

| Dart | Aeros | space | Ltd |
|------|--------------|-------|-----|
|------|--------------|-------|-----|

| | • | | | | | | | | | | |
|-----------------|------|-------------------|----------------------|------------------------------|-------------|------------------|-------|-------------------------------|--------------------------|--|--|
| W/O: | | | WORK ORDER CHANGES | | | | | | | | |
| DATE | STEP | PRO | OCEDURE CHAI | IGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC inspector | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Part No: PAR #: | | PAR #: | Fault Category: f | | | NCR: Yes No DQA: | | | | | |
| | R | esolution: | Disposition | n: | _ QA: N/C | Closed: | | Date: _ | | | |
| NCR: | | | WORK ORD | ER NON-CONFORMA | NCE (NC | R) | | | | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | | | | Approval | | |
| | 0.2. | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Dat | | ion C | Chief Eng | QC Inspector | | |
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| I | 1 | 1 | 1 1 | | 1 | | | 1 | 1 | | |

NOTE: Date & initial all entries

Thursday, August 25, 2011 1:25:58 PM

Page 2

Item ID:

Accept

Setup Start

Stop



Revision ID:

Item Name:

HOSE ASS'Y

D3297-3-0085

Start Date: 8/25/2011 Required Date: 9/5/2011

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: _____ Date:

Tooling:

0.00

Date:

Start

Run



Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Sequence ID/ **Work Center ID**

120

QC

Quality Control

Operation Description

QC6- Inspect dimensions to drawing

Memo

0.00 & 102/01

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number Stamp

54/07/02

Insp.

130

Small Fab

Small Fab

Small Fab

Memo

Memo

Install D2729-1 as per Dwg D3297 using D2182-045 Heat Shrink

Batch: 32/864

0.00

0.00

140

QC

Quality Control

QC5- Inspect part completeness to step on W/O

Work Order ID 73088

Thursday, August 25, 2011 1:25:58 PM

Page 3

Item ID:

D3297-3-0085

Accept

Setup Start

Stop



Revision ID:

Item Name:

Start Date:

HOSE ASS'Y

8/25/2011

Start Qty: 4.00

Required Date: 9/5/2011

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Tool # Plan

Code

Start Run

QC: ___

Date: SPC (Y/N): Date:

Stop

Sequence ID/

Work Center ID

150

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:

Memo

Memo

Run Hours

0.00

Set Up/

Reject Accept Qty Qty

Reject Number Stamp

Insp.

0.00

Tool ID

160

QC Quality Control QC21- Final Inspection - Work Order Release

0.00

0.00

- Picklist Print

Thursday, August 25, 2011 1:25:55 PM

Work Order ID: 73088

D3297-3-0085 Parent Item:

Parent Item Name:

HOSE ASS'Y



Start Date: 8/25/2011

Required Date: 9/5/2011

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP: B□ 04.11.09 Added Step 5□KJ/JLM IPP: C□ 04.11.09 Added Step 6□KJ verified by:DD

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|----------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|------------------------|-------------|--------------|---------------|----------------|----------|
| 156005-6D0085 HOSE ASS'Y | | Purchased | No | | | 110 | Each | 0.0000 | 1 | 4 | 4/8/ | 131 | 4) |
| D2182-045 Heat Shrink 4.5" Long | | Manufactured | No | | | 130 | Each 2/86 | 0.0000 | | 4 | 11/08 | 100 | ? |
| D2729-1 Dart Logo label | | Manufactured | No | | | 130 | Each | 0.0000 7 | | 4 | 51/0 | 9/00 |) |

Dart Aerospace Ltd

| W/O: | | · · · · · · · · · · · · · · · · · · · | WC | RK ORDER CHANG | GES | - | | | | • |
|---------|----------|---------------------------------------|-------------------------------------|------------------------------|----------|-------------------|------|--------|-------------------------|--------------------------|
| DATE | STEP | PRO | OCEDURE CHAI | | <u> </u> | Ву | Date | Qty | Approval Chief Eng / | Approval QC Inspector |
| | | | | | | | | | Prod Mgr | - Co moposto. |
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| | <u> </u> | | | | | | | | | <u> </u> |
| Part No | | | Fault Category: NCR: Yes No | | | o DQA: Date: | | | | |
| | Re | solution: | Dispositio | n: | QA: | N/C Cld | sed: | | Date: _ | |
| NCR: | | | WORK ORDI | ER NON-CONFORM | IANCE | (NCR |) | | | |
| DATE | OTED | Description of NC | Description of NC Corrective Action | | | Section B Verific | | | | Approval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | | tion C | Approval Chief Eng | QC Inspector |
| | | | | | | | | | | |
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NOTE: Date & initial all entries



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|-------|------------|-----------|---------------------------------|
| DESIG | in Tole | DRAWN BY | DART AEROSPACE LTD |
| L | 79 | 14 | HAWKESBURY, ONTARIO, CANADA |
| CHEC | KED IL | APPROVED, | DRAWING NO. REV. D |
| | - | ₩ | D3297 SHEET 1 OF 1 |
| DATE | | | TITLE SCALE |
| 05.0 | 01.21 | | HOSE ASSEMBLIES NTS |
| Α | | 04.07.06 | NEW ISSUE |
| В | | 04.11.01 | STRATOFLEX P/N WAS AEROQUIP P/N |
| С | | 04.11.18 | T50 CORRECTED TO TSO |
| D | | 05.01.21 | CORRECT STRATOFLEX P/N |



| HOSE FITTING P/N 676-60 | HOSE P/N 156-6 P/N 676-6D |
|-------------------------|------------------------------|
| HOSE FITTING P/N 676-6D | 90' FITTING P/N 680-60 |
| HOSE FITTING P/N 676-4S | HOSE P/N 156-4 TO P/N 676-4S |

| | HOSE SPECIFICATION | *************************************** | | | |
|--------------|--------------------|---|-------|---|--|
| DART P/N | STRATOFLEX P/N | VENDOR | A | В | |
| D3297-1-0098 | 156001-6D0096 | API | 9.75 | | |
| D3297-1-0130 | 156001-6D0130 | API | 13.00 | | |
| D3297-1-0121 | 156001-6D0121 | API | 12.13 | | |
| D3297-3-0085 | 156005-6D0085 | API | | 8.50 | |
| D3297-3-0210 | 156005-6D0210 | API | | 21.00 | |
| D3297-3-0350 | 156005-6D0350 | API | | 35.00 | |
| D3297-5-0410 | 156001-4S0410 | API | 41.00 | *************************************** | |

 $\left. \begin{array}{l} \text{D3297-1-XXXX HOSE ASSEMBLY} \\ \text{D3297-3-XXXX HOSE ASSEMBLY} \\ \text{D3297-5-XXXX HOSE ASSEMBLY} \end{array} \right\} \begin{array}{l} \text{WHERE XXXX REPRESENTS} \\ \text{HOSE LENGTH IN TENTHS OF INCH} \\ \end{array}$

EG: 12.125" LONG: D3297-1-0121 41.00" LONG: D3297-5-0410 8.50" LONG: D3297-3-0085

NOTES:

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

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Dart Aerospace Ltd

| W/O: | | | WO | RK ORDER CHANG | ES | ····· | | | |
|-------------|------|-------------------|-------------------------------------|------------------------------|----------------|--------------|--------|-------------------------------|--------------------------|
| DATE | STEP | PRO | CEDURE CHAN | GE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | Prod Wigi | · |
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| · | | · | | | | | | | |
| Part No | • | PAR #: | Fault Categ | ory: | _ NCR: Yes | No DQ | A: | Date: | |
| Resolution: | | | Disposition: QA | | | osed: | | Date: | |
| NCR: | | | WORK ORDE | R NON-CONFORM | ANCE (NCR |) | | | |
| DATE | CTED | Description of NC | Description of NC Corrective Action | | | verifica | | | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | tion C | Approval Chief Eng | Approval QC Inspector |
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[.] NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO14747

Purchase Order Date 8/25/2011 PO Print Date 8/26/2011

Page Number 1 of 1

Order From:

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL P.O. BOX 223, STATION M CALGARY, AB T2P 2H6 CA

Contact Name

Vendor Phone

800 214 7404

Vendor Fax

800 214 8875

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms Currency Net 30 CAD

FOB

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

| Line N | br Reference Revision ID Vendor Part Number | Description/ Mfg ID | Req Date/ Taxable | Req. Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|--------|---|------------------------|----------------------|------------------------------|------------------|------------|-------------------|
| 1 | 156005-6D0085 | HOSE ASS'Y | 8/31/2011 Yes | 4.00 Each | FedEx Pl collect | \$99.3700 | \$397.48 |
| | | Special Inst: | AS PER DW B73088 | G D3297 REV. D | | | |
| 2 | 156001-6D0096 | HOSE ASS'Y | 8/31/2011 | 4.00 | FedEx PI collect | \$60.1900 | \$240.76 |
| | | | Yes | Each | | 12 | |
| | | Special Inst: | AS PER DWG 73087 | G D3297 REV. D | | | , . |
| 3 | 156005-6D0210 | HOSE ASS'Y | 8/31/2011 | 4.00 | FedEx PI collect | \$114.4300 | \$457.72 |
| | | | Yes | Each | | | |
| | | | | | | | |

Special Inst:

AS PER DWG D3297 REV. D

B73089

CERTIFICATE OF CONFORMITY REO'D UPON DELIVERY

PO Total:

\$1,095.96

No substitution or deviation without

Certification required when applicable

Change Nbr:

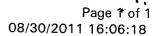
2

Change Date: 8/26/2011

Certificate of Conformity or Material



API 2461 46th Ave. LACHINE QC H8T 3C9 CANADA



Pack List



| Shipping Address | Information | |
|---|---------------------|---|
| DART AEROSPACE LTD. | Document Number | 80924788 |
| 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 | Document Date | 08/30/2011 |
| CANADA | Purchase Order No. | PO14747 |
| CANADA | Purchase Order Date | 08/25/2011 |
| Forwarding Agent's Address | Sales Order Number | 821655 |
| Orwarding Agent's Address | Sales Order Date | 08/25/2011 |
| | Customer Number | 6100481 |
| | Shipping Conditions | FXPri 1D (Intl 1-3D) |
| | Incoterms | , |
| | Cust Ship Acct | |
| Shipping Instructions | Delivery Date | 08/31/2011 |
| Detailed Shipping Instructions at the end of the document | Bill of Lading | |
| Packing Instructions | Total Volume | 0.012 IN3 |
| Detailed Packing Instructions at the | Carrier | PUROLATOR COURIER |
| end of the document | | |

| Item | Material | Material Description | | Quantity | Weight | Batch Num |
|----------|--------------------|----------------------|-------|----------|--------|-----------|
| 10 | 156005-6D- 0085 | 156-6 HOSE ASSEMBLY | , | | | |
| - | Batches | Sul | 05/01 | • | | |
| | 0002121336 (PO: | 4500159307) | 4 EA | O LB | | |
| 20 | 156001-6D- 0096 | 156-6 HOSE ASSEMBLY | | | | |
| | Batches | | | | | |
| | 0002121335 (PO: | 4500159307) | 4 EA | 0 LB | | |
| 30 | 156≎∂5-6D- 0210 | 156-6 HOSE ASSEMBLY | | | | |
| | Batches | | | | | |
| | 0002121337 (PO: | 4500159307) | 4 EA | O LB | | |
| | | * | | | | |
| Shipping | and Packing Inst | ructions | | ****** | | |

Snipping and Packing Instructions

CERTIFICATE OF CONFORMANCE

I hereby certify that th eaircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature

₹





Certificate of Conformance

| Customer | API MONTRE | AL | |
|--------------|-------------------|-----|------------------------|
| Sales Order# | <u>4500159307</u> | PO# | Date <u>08/26/2011</u> |

| Part# | Qty | |
|----------------------------------|---------------------------------------|---------|
| 156001-6D-0096 | 4 | |
| 156001-6D-0096 156005-6D-0085 | Julu7/01 (4) | |
| 156005-6D-0210 | 4 | |
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We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

For API